

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

E 1 (currently amended): A method for forwarding an incoming call addressed to one of a plurality of Directory Numbers belonging to a subscriber, ~~the plurality of Directory Numbers being associated with an integrated system adapted to service both fixed-site devices and mobility devices, the method including:~~

receiving an incoming call at one of a number corresponding to a fixed-site device ~~and or~~ or a number corresponding to a mobility device belonging to the subscriber [[;]], wherein a call to the number corresponding to the fixed-site device is received via a switch of the Public Switched Telephone Network that communicates with a Mobile Service Center (MSC) coupled to a mobility network, and a call to the number corresponding to the mobility device is received via the MSC, the MSC being further coupled to a Home Location Register (HLR) having a database including a plurality of values for subscriber call forward settings to determine an action to be taken in the event of a busy/no answer condition for either the fixed-site device or the mobility device;

determining that a busy/no answer condition exists for the device corresponding to the number at which the incoming call is received;

consulting the call forward settings of the HLR; and

based on the call forward settings, performing one of routing the incoming call to the fixed-site device, to the mobility device, or to voice mail.

~~consulting a call forward setting for the subscriber; and~~

~~performing a call forwarding action to the mobility device if the busy/no answer condition exists for the fixed-site device, or to the fixed-site device if the busy/no answer condition exists for the mobility device, based upon the call forward setting of the subscriber.~~

2 (currently amended): The method of claim 1, wherein the ~~fixed site device is a fixed-site telephone belonging to the subscriber, and the incoming call is received at switch~~ is a Class 5 Switch associated with the subscriber's fixed-site telephone.

3 - 12 (canceled)

E 13 (currently amended): A medium storing instructions adapted to be executed by a processor to perform steps including:

receiving an incoming call directed to one of a number corresponding to a fixed-site device and or a number corresponding to a mobility device belonging to the subscriber [[:]], wherein a call to the number corresponding to the fixed-site device is received via a switch of the Public Switched Telephone Network that communicates with a Mobile Service Center (MSC) coupled to a mobility network, and a call to the number corresponding to the mobility device is received via the MSC, the MSC being further coupled to a Home Location Register (HLR) having a database including a plurality of values for subscriber call forward settings to determine an action to be taken in the event of a busy/no answer condition for either the fixed-site device or the mobility device;

determining that a busy/no answer condition exists for the device corresponding to the number at which the incoming call is received;

consulting the call forwarding settings of the HLR; and

based on the call forwarding settings, performing one of routing the incoming call to the fixed-site device, to the mobility device, or to voice mail.

~~depending on whether the incoming call is received at the fixed-site device or at the mobility device, determining that the fixed-site device is either busy, or that there is no answer at the fixed-site device, or that the mobility device is either busy, or that there is no answer at the mobility device;~~

~~consulting a subscriber profile that describes how to forward an incoming call for the subscriber; and~~

~~forwarding the incoming call to the mobility device if the fixed-site device is either busy or there is no answer at the fixed-site device, or to the fixed-site device if~~

~~the mobility device is either busy or if there is no answer at the mobility device,
based upon the subscriber profile.~~

14 (currently amended): The medium of claim 13, wherein the ~~instructions are
adapted to be executed by a processor in~~ switch is a Class 5 Switch.

15 - 17 (canceled)

E 18 (currently amended): An apparatus for forwarding an incoming call to one of a plurality of Directory Numbers belonging to a subscriber, including:

a processor;

a memory coupled to said processor, said memory storing instructions adapted to be executed by said processor to:

receive an incoming call at one of a number corresponding to a fixed-site device or a number corresponding to a mobility device belonging to the subscriber, wherein a call to the number corresponding to the fixed-site device is received via a switch of the Public Switched Telephone Network that communicates with a Mobile Service Center (MSC) coupled to a mobility network, and a call to the number corresponding to the mobility device is received via the MSC, the MSC being further coupled to a Home Location Register (HLR) having a database including a plurality of values for subscriber call forward settings to determine an action to be taken in the event of a busy/no answer condition for either the fixed-site device or the mobility device;

determine that a busy/no answer condition exists for the device corresponding to the number at which the incoming call is received;

consult the call forwarding settings of the HLR; and

based on the call forwarding settings, perform one of routing the incoming call to the fixed-site device, to the mobility device, or to voice mail.

~~receive an incoming call sent to one of a Directory Number corresponding to a fixed-site device of the subscriber and a Directory Number corresponding to a mobility device of the subscriber, determine that a busy/no answer condition exists~~

~~for either the device at the fixed-site Directory Number or the mobility device Directory Number depending on whether the incoming call is received at the fixed-site device or at the mobility device, consult a subscriber profile containing call forward information for the subscriber, and forward the call to the mobility device if the fixed-site device is either busy or there is no answer at the fixed-site device, or to the fixed-site device if the mobility device is either busy or if there is no answer at the mobility device, based upon the subscriber profile information.~~

£ 19 - 22 (canceled)

23 (currently amended): A method for updating a call forward setting via the Internet, comprising:

receiving a request to update the call forward setting from a subscriber, the request being generated using a browser-capable subscriber device connectable to the Internet; and

processing the request to update the call forward setting according to the request by updating a corresponding subscriber profile in a Home Location Register (HLR) HLR.

24 (canceled)

25 (currently amended): The method of claim 23, wherein the processing further includes:

determining that the update request requires updating call forwarding information on a Glass-5 switch of the Public Switched Telephone Network;

updating the call forward information on the Glass-5 switch; and
returning a result to the subscriber.

26 (previously presented): The method of claim 23, wherein the subscriber device is a personal computer.

27 (previously presented): The method of claim 23, wherein the subscriber device is a mobile telephone.

28 (currently amended): A medium storing instructions adapted to be executed by a processor to perform steps including:

receiving a request to update a call forward setting from a subscriber, the request being generated using a browser-capable subscriber device connectable to the Internet; and

E processing the request to update the call forward setting according to the request by updating a corresponding subscriber profile in a Home Location Register (HLR) HLR.

29 (canceled)

30 (currently amended): The medium of claim 28, wherein the processing further includes:

determining that the update request requires updating call forwarding information on a ~~Class-5~~ switch of the Public Switched Telephone Network;

updating the call forward information on the ~~Class-5~~ switch; and

returning a result to the subscriber.

31 (currently amended): A system for updating a call forward setting via the Internet, comprising a Home Location Register (HLR) ~~an HLR~~ connectable to the Internet and configured to receive a request to update the call forward setting from a subscriber, the request being generated using a browser-capable subscriber device connectable to the Internet, and to process the request to update the call forward setting according to the request.

32 (currently amended): The system of claim 31, further comprising a ~~Class-5~~ switch interface device coupled to the HLR, and a ~~Class-5~~ switch coupled to the interface device, the ~~Class-5~~ switch being adapted to receive commands from the interface

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device for updating call forwarding information responsive to an update call forwarding request corresponding to the subscriber request received by the interface device from the HLR.
